DPRG RBNV Chat Record - April 29, 2025

00:08:35.441,00:08:38.441
Mark R: Karim showed off the UniLidar 2 and its 3D scanning abilities

00:13:08.291,00:13:11.291
Pat Caron: He demonstrated using the Unilidar 2 software.

00:13:28.433,00:13:31.433
Chris N: 4 left in stock at amazon

00:26:56.311,00:26:59.311
ed mart: How old is pioneer base ?

00:27:22.003,00:27:25.003
ed mart: How old is pioneer chassid

00:27:25.148,00:27:28.148
ed mart: ?

00:27:43.821,00:27:46.821
Karim Virani: it's old

00:28:13.453,00:28:16.453
Karim Virani: i think the last ones produced were around 2013

00:30:08.840,00:30:11.840
Mark R: Gold star for Tom's moving robot!

00:31:09.928,00:31:12.928
Pat Caron: Tom - Showed his line following robot. He showed it rolling on the floor in a straight line. He is using a stepper driver with a 3.3v Arduino.

00:32:15.259,00:32:18.259
Mark R: https://www.instructables.com/F1Tenth-16299-Project/

00:34:14.308,00:34:17.308
Pat Caron: John K - Showed an F1 Tenth robot car platform and ROS2 code.

00:36:58.536,00:37:01.536
Mark R: 400kg = 880 lbs, I had to look it up :D

00:39:14.348,00:39:17.348
Tom Crawford:

https://www.cbc.ca/news/canada/british-columbia/wildland-firefighting-drones-are-being-tested-in-b-c-1.7520696

00:40:13.271,00:40:16.271
Chris N: what's it called?

00:40:31.253,00:40:34.253
Pat Caron: Michael I - Show off his Waveshare General Driver Board for Robots.

00:40:40.838,00:40:43.838
Michael Ivison: https://www.waveshare.com/general-driver-for-robots.htm

00:56:37.704,00:56:40.704
Mark R: Hi Mike, anything to present tonight?

00:57:24.131,00:57:27.131
Mike Williamson: no presentation but I have an issue that some one may be able to help

00:58:22.155,00:58:25.155
Mark R: Mike, have you tried running one of your rp2040 as slave?

00:58:36.964,00:58:39.964
Mark R: Pat is trying to figure it out

00:59:05.568,00:59:08.568
Mike Williamson: hmm I remember trying and it was hard

00:59:13.506,00:59:16.506
Karim Virani:
https://docs.google.com/document/d/1OrUC16EO6cEw8qgARbY-RqPRVkrTGPvgdIXMMDJBgMk/edit?usp=drivesdk

01:09:00.134,01:09:03.134
Pat Caron: Paul, do you have something to present?

01:09:14.175,01:09:17.175
Pat Caron: If so you can be next

01:13:10.172,01:13:13.172
Pat Caron: Mike W - Showed a problem he's having with his OpenMV camera that seemed to had it's image shifted.

01:18:54.198,01:18:57.198
Pat Caron: Mike W & Mark described the trouble they found with Robbie's neck joint & Mark

talked about the new elbow joint he is printing.

01:29:50.649,01:29:53.649
Pat Caron: Paul B - Showed his six can robot turn towards the can and grab it then bring it to the goal. It then back up and turns 180 degrees away from the goal and searches for the next can. He is using ros2 and AIDA to help program the robot.

01:30:47.434,01:30:50.434
Pat Caron: GOLD star for Paul!